



SEQUENCE LISTING

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Isreal, David I
Joyal, John L
Gosselin, Michael

<120> THERAPEUTIC AGENTS AND METHODS OF USE THEREOF FOR
TREATING AN AMYLOIDOGENIC DISEASE

<130> PPI-105

<140> 10/996357

<141> 2001-11-27

<150> 60/253,302

<151> 2000-11-27

<150> 60/250,198

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<150> 60/257,186

<151> 2000-12-20

<160> 46

<170> PatentIn Ver. 2.0

<210> 1

<211> 43

<212> PRT

<213> Homo sapiens

<400> 1

Asp Ala Glu Phe Arg His Asp Ser Gly Tyr Glu Val His His Gln Lys
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Leu Val Phe Phe Ala Glu Asp Val Gly Ser Asn Lys Gly Ala Ile Ile
20 25 30

Gly Leu Met Val Gly Gly Val Val Ile Ala Thr
35 40

<210> 2

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<213> Homo sapiens

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Leu Val Phe Phe
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<400> 3

Leu Val Phe Phe Ala
1 5

<210> 4
<211> 8
<212> PRT
<213> Homo sapiens

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<210> 5
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<400> 5
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<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:primers

<400> 6
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<210> 7
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<210> 8
<211> 22
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<213> Homo sapiens

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Ala Val Phe Val Ser Pro
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<210> 9
<211> 15

<212> PRT

<213> Homo sapiens

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Lys Leu Val Phe Phe Ala Glu Asp Val Gly Ser Asn Lys Gly Ala
 1 5 10 15

<210> 10

<211> 232

<212> PRT

<213> Homo sapiens

<400> 10

Glu Pro Lys Ser Cys Asp Lys Thr His Thr Cys Pro Pro Cys Pro Ala
 1 5 10 15

Pro Glu Leu Leu Gly Gly Pro Ser Val Phe Leu Phe Pro Pro Lys Pro
 20 25 30

Lys Asp Thr Leu Met Ile Ser Arg Thr Pro Glu Val Thr Cys Val Val
 35 40 45

Val Asp Val Ser His Glu Asp Pro Glu Val Lys Phe Asn Trp Tyr Val
 50 55 60

Asp Gly Val Glu Val His Asn Ala Lys Thr Lys Pro Arg Glu Glu Gln
 65 70 75 80

Tyr Asn Ser Thr Tyr Arg Val Val Ser Val Leu Thr Val Leu His Gln
 85 90 95

Asp Trp Leu Asn Gly Lys Glu Tyr Lys Cys Lys Val Ser Asn Lys Ala
 100 105 110

Leu Pro Ala Pro Ile Glu Lys Thr Ile Ser Lys Ala Lys Gly Gln Pro
 115 120 125

Arg Glu Pro Gln Val Tyr Thr Leu Pro Pro Ser Arg Asp Glu Leu Thr
 130 135 140

Lys Asn Gln Val Ser Leu Thr Cys Leu Val Lys Gly Phe Tyr Pro Ser
 145 150 155 160

Asp Ile Ala Val Glu Trp Glu Ser Asn Gly Gln Pro Glu Asn Asn Tyr
 165 170 175

Lys Thr Thr Pro Pro Val Leu Asp Ser Asp Gly Ser Phe Phe Leu Tyr
 180 185 190

Ser Lys Leu Thr Val Asp Lys Ser Arg Trp Gln Gln Gly Asn Val Phe
 195 200 205

Ser Cys Ser Val Met His Glu Ala Leu His Asn His Tyr Thr Gln Lys
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Ser Leu Ser Leu Ser Pro Gly Lys
 225 230

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<211> 804
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<223> Description of Artificial Sequence:alpha-beta(16-30)Fc

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gacaaaactc acacatgccc accgtgcccc gcacctgaac tcctgggggg accgtcagtc 180
ttcctcttcc ccccaaaacc caaggacacc ctcatgatat cccggacccc tgaggtcaca 240
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cggggtggtca gcgtcctcac cgtcctgcac caggactggc tgaatggcaa ggagtacaag 420
tgcaaggctc ccaacaaagc cctcccagcc cccatcgaga aaaccatctc caaagccaaa 480
gggcagcccc gagaaccaca ggtgtacacc ctgcccccat cccgggatga gctgaccaag 540
aaccagggtc gcctgacctg cctggtcaaa ggcttctatc ccagcgacat cgccgtggag 600
tgggagagca atgggcagcc ggagaacaac tacaagacca cgctcccgt gctggactcc 660
gacggctcct tcttcctcta cagcaagctc accgtggaca agagcaggtg gcagcagggg 720
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<220>

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<400> 12

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Met Asp Ala Met Lys Arg Gly Leu Cys Cys Val Leu Leu Leu Cys Gly
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Ala Val Phe Val Lys Leu Val Phe Phe Ala Glu Asp Val Gly Ser Asn
      20              25              30

Lys Gly Ala Glu Pro Lys Ser Cys Asp Lys Thr His Thr Cys Pro Pro
      35              40              45

Cys Pro Ala Pro Glu Leu Leu Gly Gly Pro Ser Val Phe Leu Phe Pro
      50              55              60

Pro Lys Pro Lys Asp Thr Leu Met Ile Ser Arg Thr Pro Glu Val Thr
      65              70              75              80

Cys Val Val Val Asp Val Ser His Glu Asp Pro Glu Val Lys Phe Asn
      85              90              95

Trp Tyr Val Asp Gly Val Glu Val His Asn Ala Lys Thr Lys Pro Arg
      100              105              110

Glu Glu Gln Tyr Asn Ser Thr Tyr Arg Val Val Ser Val Leu Thr Val
      115              120              125

Leu His Gln Asp Trp Leu Asn Gly Lys Glu Tyr Lys Cys Lys Val Ser
      130              135              140

Asn Lys Ala Leu Pro Ala Pro Ile Glu Lys Thr Ile Ser Lys Ala Lys
      145              150              155              160

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Gly Gln Pro Arg Glu Pro Gln Val Tyr Thr Leu Pro Pro Ser Arg Asp
 165 170 175
 Glu Leu Thr Lys Asn Gln Val Ser Leu Thr Cys Leu Val Lys Gly Phe
 180 185 190
 Tyr Pro Ser Asp Ile Ala Val Glu Trp Glu Ser Asn Gly Gln Pro Glu
 195 200 205
 Asn Asn Tyr Lys Thr Thr Pro Pro Val Leu Asp Ser Asp Gly Ser Phe
 210 215 220
 Phe Leu Tyr Ser Lys Leu Thr Val Asp Lys Ser Arg Trp Gln Gln Gly
 225 230 235 240
 Asn Val Phe Ser Cys Ser Val Met His Glu Ala Leu His Asn His Tyr
 245 250 255
 Thr Gln Lys Ser Leu Ser Leu Ser Pro Gly Lys
 260 265

<210> 13
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 <213> Homo sapiens

<400> 13

Lys Leu Val Phe Phe Ala Glu Asp Val Gly Ser Asn Lys Gly Ala Glu
 1 5 10 15
 Pro Lys Ser Cys Asp Lys Thr His Thr Cys Pro Pro Cys Pro Ala Pro
 20 25 30
 Glu Leu Leu Gly Gly Pro Ser Val Phe Leu Phe Pro Pro Lys Pro Lys
 35 40 45
 Asp Thr Leu Met Ile Ser Arg Thr Pro Glu Val Thr Cys Val Val Val
 50 55 60
 Asp Val Ser His Glu Asp Pro Glu Val Lys Phe Asn Trp Tyr Val Asp
 65 70 75 80
 Gly Val Glu Val His Asn Ala Lys Thr Lys Pro Arg Glu Glu Gln Tyr
 85 90 95
 Asn Ser Thr Tyr Arg Val Val Ser Val Leu Thr Val Leu His Gln Asp
 100 105 110
 Trp Leu Asn Gly Lys Glu Tyr Lys Cys Lys Val Ser Asn Lys Ala Leu
 115 120 125
 Pro Ala Pro Ile Glu Lys Thr Ile Ser Lys Ala Lys Gly Gln Pro Arg
 130 135 140
 Glu Pro Gln Val Tyr Thr Leu Pro Pro Ser Arg Asp Glu Leu Thr Lys
 145 150 155 160
 Asn Gln Val Ser Leu Thr Cys Leu Val Lys Gly Phe Tyr Pro Ser Asp

	165		170		175										
Ile	Ala	Val	Glu	Trp	Glu	Ser	Asn	Gly	Gln	Pro	Glu	Asn	Asn	Tyr	Lys
			180					185					190		
Thr	Thr	Pro	Pro	Val	Leu	Asp	Ser	Asp	Gly	Ser	Phe	Phe	Leu	Tyr	Ser
			195				200						205		
Lys	Leu	Thr	Val	Asp	Lys	Ser	Arg	Trp	Gln	Gln	Gly	Asn	Val	Phe	Ser
			210				215					220			
Cys	Ser	Val	Met	His	Glu	Ala	Leu	His	Asn	His	Tyr	Thr	Gln	Lys	Ser
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Leu	Ser	Leu	Ser	Pro	Gly	Lys									
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<400> 15
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<210> 16
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<220>
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<400> 16
 Ala Arg Phe Arg Arg Thr Ser Ala Ser
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<210> 17
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 <210> 19
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 <400> 19
 ctgcgtctta aggcagtact gaggcctatg cttcacgtg 39

 <210> 20
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 <400> 20
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 <400> 21
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 <400> 22
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 <210> 23

<211> 33
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<400> 23
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<210> 24
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<400> 24
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 1 5 10 15

ctt gta ttc ttc gca gaa gac gtc gga tcc aac aaa ggt gcc ata ata 96
 Leu Val Phe Phe Ala Glu Asp Val Gly Ser Asn Lys Gly Ala Ile Ile
 20 25 30

ggc ctt atg gta ggt gga gta gtg ata gca 126
 Gly Leu Met Val Gly Gly Val Val Ile Ala
 35 40

<210> 26
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<220>
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<400> 26
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<210> 27
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<212> PRT
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<400> 27
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 1 5

<210> 28
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<400> 28
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<210> 29
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 <400> 34
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 1 5

 <210> 35
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Leu Val Phe Phe Leu

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5

<210> 38

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<210> 39

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<400> 40

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<210> 41

<211> 36

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<213> Artificial Sequence

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36

<210> 42

<211> 45

<212> DNA

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<400> 42

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 <210> 44
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